

AMENDMENTS TO THE SPECIFICATION

Please amend the first three paragraphs beginning on page 10, lines 1, 9 and 22 as follows:

However, ~~the~~ The interference disappear ~~disappears~~ at the sample points where the received signal become maximum, because the channel distortion is equalized as shown in Figure 2 in the receiving system for mobile station of the present invention. Figure 3 shows the DUR (Desired to Undesired signal power Ratio) of the conventional system as shown in Figure 5 and the DUR of the system of the present invention as shown in Figure 1.

In Figure 3, curve 1-c is the DUR of the conventional system, while curve 1-p is the DUR of the system of the present invention. The DUR as shown by curve 1-c decreases as the mobile stations increase, while the DUR as shown curve 1-c decreases as the mobile stations increase, while the DUR as shown by curve 1-p stays constant regardless of the number of mobile stations. On the other hand, when the number of mobile stations decreases, the DUR as shown by curve 1-c becomes greater than the DUR of the system of the present invention, due to the effect of the RAKE receiving. In conclusion, ~~The~~ the communication quality of the present invention becomes better than that of the conventional system, due to the elimination of interference by the equalization, when ~~a lot of many~~ mobile stations is controlled by communicate with a base station.

Therefore, a single base station can ~~controls~~ control a greater number of mobile stations in the present invention than in the conventional system.